



APPENDIX D

Air Quality Conformity



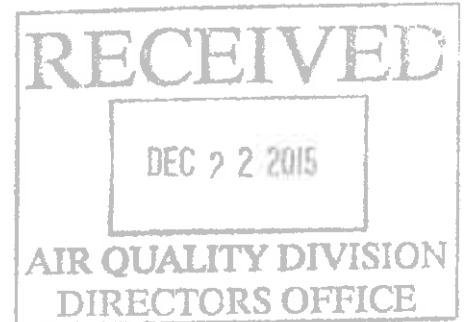


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

DEC 16 2015

Mr. Chris Lukasina
Executive Director
Capital Area Metropolitan Planning Organization
421 Fayetteville Street, Suite 203
Raleigh, North Carolina 27601

Mr. Felix Nwoko
Executive Director
Durham-Chapel Hill Carrboro
Metropolitan Planning Organization
101 City Hall Plaza
Durham, North Carolina 27701



Dear Messrs. Lukasina and Nwoko:

The United States Environmental Protection Agency is providing this letter in its consultative role to document that the transportation conformity requirements, under the Clean Air Act (CAA) section 176(c), for Durham and Wake Counties located in the Raleigh-Durham, North Carolina carbon monoxide (CO) maintenance area, ended on September 18, 2015. This date marks 20 years from the effective date of the redesignation of this area to attainment for the CO National Ambient Air Quality Standard (NAAQS).

Under 40 CFR 93.102(b)(4) of the EPA's regulations, transportation conformity applies to maintenance areas for a 20-year planning period until a standard is revoked or unless the maintenance plan specifies that the conformity requirements apply for a longer period. Pursuant to CAA section 176(c)(5) and as explained in the preamble of the 1993 final rule, conformity applies to transportation related pollutants and their precursors for which an area is designated nonattainment or is subject to a maintenance plan approved under CAA section 175A for areas redesignated to attainment. The section 175A maintenance planning period is 20 years, unless the applicable implementation plan specifies a longer maintenance period, (see 58 FR 62188, 62206, November 24, 1993). The EPA further clarified this conformity provision in its January 24, 2008 final rule (73 FR 4434-5).

This letter documents that, because North Carolina's first 10-year maintenance plan for the Raleigh-Durham/Chapel Hill CO maintenance area was effective on September 18, 1995, (60 FR 39258) and North Carolina did not extend the maintenance period beyond 20 years from the effective date of redesignation, transportation conformity requirements for CO ceased to apply after September 18, 2015. As a result, the Capital Area Metropolitan Planning Organization and the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization may reference this letter to indicate that the conformity requirements of 40 CFR Part 93 no longer apply for the CO NAAQS in the Raleigh-Durham/Chapel Hill

maintenance area. In addition, project sponsors can reference this letter to indicate that as of September 18, 2015, transportation conformity requirements also no longer apply for the CO NAAQS for Federal Highway Administration (FHWA)/Federal Transit Administration (FTA) projects as defined in 40 CFR 93.101.

Even though the conformity obligation of CO has ended, the terms of the limited maintenance plan remain in effect and all measures and requirements contained in the plan must be complied with until the state submits, and the EPA approves a revision to the state plan, (see *GM Corp. v. United States*, 496 U.S.530, June 14, 1990). Such a state implementation plan revision would have to comply with the anti-backsliding requirements of CAA Section 110(I), and if applicable, CAA section 193, if the intent is to remove a control measure or to reduce its stringency.

If you have questions about the transportation conformity requirements in the Raleigh-Durham/Chapel Hill area, please contact Scott Davis of my staff at (404) 562-9127.

Sincerely,

A handwritten signature in black ink, appearing to read "Beverly H. Banister". The signature is stylized and written over a horizontal line.

Beverly H. Banister, Director
Air, Pesticides and Toxics Management Division

Robert Sullivan, FHWA-NC Division
Shelia Holman, NC DEQ
Yvette Taylor, FTA-Region 4
Heather Hildebrandt, NC DOT

Table 7-2: Construction Emissions Inventory Results (2023) in Tons Per Year

	CO	NO_x	SO₂	PM₁₀	PM_{2.5}	VOC
Nonroad	2.11	1.51	0.01	0.12	0.11	0.81
On-road	1.02	0.34	0.00	0.01	0.11	0.04
Fugitive	0	0	0	0.90	0.11	0
Total	1.94	0.32	0.60	0.00	0.28	0.06

Table 7-3: Construction Emissions Inventory Results (2024) in Tons Per Year

	CO	NO_x	SO₂	PM₁₀	PM_{2.5}	VOC
Nonroad	8.07	10.35	0.07	0.57	0.52	4.38
On-road	11.18	2.56	0.03	0.08	0.08	0.63
Fugitive	3.92	0.24	0.05	4.90	--	60.22
Total	23.18	13.16	0.15	5.54	0.60	65.23

Table 7-4: Construction Emissions Inventory Results (2025)

	CO	NO_x	SO₂	PM₁₀	PM_{2.5}	VOC
Nonroad	0.91	1.70	0.01	0.08	0.07	0.67
On-road	13.64	1.94	0.03	0.06	0.06	0.82
Fugitive	5.86	0.37	0.07	2.29	--	89.96
Total	20.40	4.01	0.11	2.43	0.13	91.44